

QIPF JG14
JAN 22 2002
PATENT & TRADEMARK OFFICE

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

COMPLETE IF KNOWN

(use as many sheets as necessary)

SHEET 1 of 1

Application Number	09/804,819
Confirmation Number	2044
Filing Date	March 13, 2001
First Named Inventor	Robert David Piotrowski
Group Art Unit:	3628 3722
Examiner Name	
Attorney Docket Number	7984

CLASS
Sub

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	Class Sub
me ↓	1	4,053,652		Mahlmann	Oct. 11, 1977		
	2	4,081,569		Gregg	Mar. 28, 1978		
	3	4,169,164		Hubbard, et al.	Sept. 25, 1979		
	4	4,267,200		Klien, et al.	May 12, 1981		
	5	4,322,447		Hubbard	Mar. 30, 1982		
	6	4,349,573		Stefanucci, et al.	Sept. 14, 1982		
	7	4,484,064		Murray	Nov. 20, 1984		
	8	4,501,761		Mahlmann, et al.	Feb. 26, 1985		
	9	4,540,591		Dar, et al.	Sept. 10, 1985		
	10	4,748,030		Illy	May 11, 1988		
	11	4,737,376		Brandlein, et al.	Apr. 12, 1988		
	12	5,227,188		Leppla, et al.	Jul. 13, 1993		
	13	5,322,703		Jensen, et al.	Jun. 21, 1994		
	14	5,564,331		Song	Oct. 15, 1996		
	15	5,721,005		Gutwein, et al.	Feb. 24, 1998		

RECEIVED
 JUL 25 2002
 TECHNOLOGY CENTER P3700

RECEIVED
JUL 25 2002
TECHNOLOGY CENTER R3700

[illegible]

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	Monica S. Carter		DATE CONSIDERED 8/1/02

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Washington, D.C. 20231.